

## Coupler connector - CA-12P1N129007 - 1620074

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Coupling connector, straight, shielded: Yes, SPEEDCON locking, M23, Number of positions: 12, Type of contact: Male connector, Solder connection, Cable diameter: 6 mm ... 10 mm

### Product Features



### Key commercial data

|                      |          |
|----------------------|----------|
| Packing unit         | 1 pc     |
| Custom tariff number | 85366990 |
| Country of origin    | Germany  |

### Technical data

#### Temperature range

|                                 |                   |
|---------------------------------|-------------------|
| Ambient temperature (operation) | -40 °C ... 125 °C |
|---------------------------------|-------------------|

#### Data of the insulating body

|                                                    |                      |
|----------------------------------------------------|----------------------|
| Insulator material                                 | PBT                  |
| Contact material                                   | CuZn                 |
| Contact surface material                           | Ni/Au                |
| Direction of rotation of contact chamber numbering | Standard             |
| Coding                                             | N                    |
| Contact connection method                          | Solder connection    |
| Type of contacts                                   | Male connector       |
| Number of positions                                | 12                   |
| Contact diameter of power contacts                 | 1 mm                 |
| Litz wire cross section of power contacts min.     | 0.08 mm <sup>2</sup> |
| Litz wire cross section of power contacts max.     | 1 mm <sup>2</sup>    |
| Nominal current per power contact at 25°C          | 8 A                  |

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### Technical data

#### Data of the insulating body

|                                |       |
|--------------------------------|-------|
| Nominal voltage, power contact | 150 V |
| Surge voltage category         | II    |
| Pollution degree               | 3     |

#### Housing data

|                                        |                                                                      |
|----------------------------------------|----------------------------------------------------------------------|
| Housing material                       | Turned parts: copper zinc alloy (CuZn), die-cast parts: zinc (GD-Zn) |
| Type of locking                        | SPEEDCON locking                                                     |
| Degree of protection (when plugged in) | IP67                                                                 |
| Thread type                            | M23                                                                  |

#### Cable seal data

|                     |       |
|---------------------|-------|
| Min. cable diameter | 6 mm  |
| Max. cable diameter | 10 mm |
| Sealing material    | NBR   |

### Classifications

#### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 272607xx |
| eCl@ss 4.1 | 272607xx |
| eCl@ss 5.0 | 27260701 |
| eCl@ss 5.1 | 27260701 |
| eCl@ss 6.0 | 27260702 |
| eCl@ss 7.0 | 27440102 |
| eCl@ss 8.0 | 27440102 |

#### ETIM

|          |          |
|----------|----------|
| ETIM 3.0 | EC001121 |
| ETIM 4.0 | EC002635 |
| ETIM 5.0 | EC002635 |

#### UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 43172015 |
| UNSPSC 7.0901 | 43201404 |
| UNSPSC 11     | 43172015 |
| UNSPSC 12.01  | 43201404 |
| UNSPSC 13.2   | 43201404 |

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### Approvals

#### Approvals

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#### Approvals

UL Recognized / cUL Recognized / cULus Recognized

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#### Ex Approvals

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#### Approvals submitted

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#### Approval details

|                                                                                                  |       |
|--------------------------------------------------------------------------------------------------|-------|
| UL Recognized  |       |
| mm²/AWG/kcmil                                                                                    | 18    |
| Nominal current I <sub>N</sub>                                                                   | 8 A   |
| Nominal voltage U <sub>N</sub>                                                                   | 150 V |

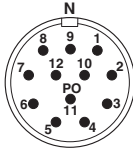
|                                                                                                    |       |
|----------------------------------------------------------------------------------------------------|-------|
| cUL Recognized  |       |
| mm²/AWG/kcmil                                                                                      | 18    |
| Nominal current I <sub>N</sub>                                                                     | 6 A   |
| Nominal voltage U <sub>N</sub>                                                                     | 150 V |

|                                                                                                      |  |
|------------------------------------------------------------------------------------------------------|--|
| cULus Recognized  |  |
|------------------------------------------------------------------------------------------------------|--|

### Drawings

## Coupler connector - CA-12P1N129007 - 1620074

Schematic diagram



Dimensional drawing

